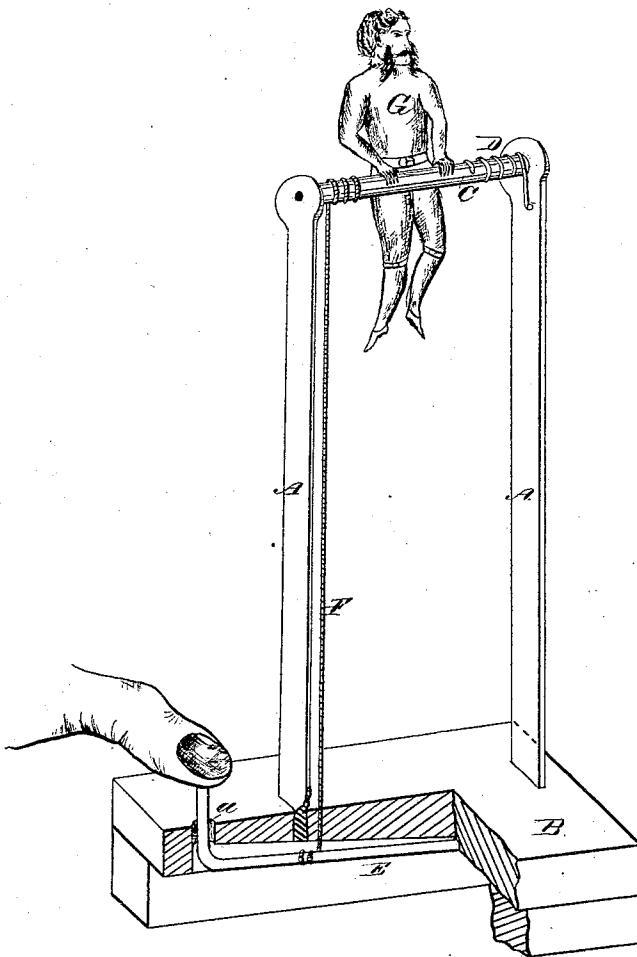


J. SCHWENNESEN.

Toys.

No. 140,649.

Patented July 8, 1873.



Witnesses;
D. Garlin Clark
H. C. Matthews.

Inventor.
J. Schwennesen
by Dyer Beadell & Co.
Attys.

UNITED STATES PATENT OFFICE.

JACOB SCHWENNESEN, OF CHICAGO, ILLINOIS, ASSIGNOR TO HANS PETER SCHWENNESEN, OF SAME PLACE.

IMPROVEMENT IN TOYS.

Specification forming part of Letters Patent No. **140,649**, dated July 8, 1873; application filed December 3, 1872.

To all whom it may concern:

Be it known that I, JACOB SCHWENNESEN, of Chicago, in the county of Cook and State of Illinois, have invented a new and useful Improvement in Toys; and I do declare that the following is a true and accurate description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon and being a part of this specification, in which my invention is shown in perspective, with a portion of the base broken away to show the lever.

The nature of this invention relates to an improved construction of toys known as "toy gymnasts;" and the invention consists of a rock-shaft journaled between the upper ends of suitable standards mounted on a proper base. From this shaft is suspended a jointed toy figure, which is compelled to perform many extraordinary gymnastic feats by means of the action of a coil-spring upon the bar and a depression-lever in the base, which is connected to the bar by a cord, all arranged and operating as more fully hereinafter set forth.

In the drawing, A represents suitable standards mortised in a base, B. Journaled between the upper ends of these standards is the rock-shaft C, around one end of which is placed a coil-spring, D, one end being made fast to the standard and the other to the shaft. E is a lever placed in a slot in the under side of the base B, one end being pivoted to said base, while the other is bent at a right angle to pass

up through the hole *a* in the base. Leading from this lever E to the bar C is a cord, F, the upper end of which is wound several times around the said bar in an opposite direction to the coil of the spring. G is a jointed toy figure, which is suspended from the bar C, the hands of the figure being rigidly attached thereto, and in such a manner that when the toy is not being used it will hang perpendicularly between the standards below the bar.

It will be seen that by depressing the end of the lever E the cord F must necessarily be unwound from the bar, which latter, turning in its bearing, will increase the tension of the spring and, at the same time, raise the figure from under the bar. As the pressure is removed from the lever the spring, exerting itself upon the bar, causes it to resume its former position, at the same time allowing the figure to drop between the standards. By this means the figure can be compelled to assume many different positions in imitation of a gymnast or performer upon the horizontal bar.

What I claim as my invention, and desire to secure by Letters Patent, is—

A figure, G, suspended from a rock-shaft, C, and operated by means of the lever E, cord F, and spring D, substantially as and for the purposes set forth.

JACOB SCHWENNESEN.

Witnesses:

WM. H. LOTZ,

GEO. W. FERRIS.